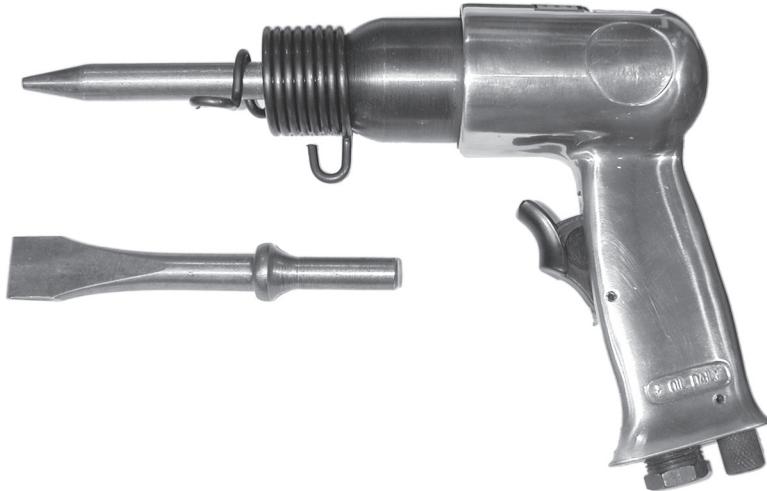


CENTRAL PNEUMATIC®

AIR HAMMER WITH TWO CHISELS

Model 92037

ASSEMBLY AND OPERATING INSTRUCTIONS



3491 Mission Oaks Blvd., Camarillo, CA 93011
Visit our Web site at <http://www.harborfreight.com>

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For technical questions and replacement parts, please call 1-800-444-3353

Specifications

Item	Description
Air Pressure Requirement	90 PSI Max, 4 CFM (Average)
Air Inlet Size	1/4 inch, 18 NPT
Chisel Shank Size	10 mm standard (0.395 inches) 150mm Length
BPM	4,500
Chisels Included	1 – flat and 1 – pointed

Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this tool!

1. **Keep work area clean.** Cluttered areas invite injuries.
2. **Observe work area conditions.** Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted.
3. **Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, or extension cords.
4. **Store idle equipment.** When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. **Do not force tool.** It will do the job better and more safely at the rate for which it was intended. Do not use inappropriate attachments in an attempt to exceed the tool capacity.
6. **Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
7. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid footwear are recommended when working. Wear restrictive hair covering to contain long hair.

8. **Use eye and ear protection.** Always wear ANSI approved impact safety glasses and full face shield. Wear an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists. Wear ear plugs.
9. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across running machines.
10. **Maintain tools with care.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool periodically and, if damaged, have them repaired by an authorized technician. The handles must be kept clean, dry, and free from oil and grease at all times.
11. **Remove adjusting keys and wrenches.** Check that keys and adjusting wrenches are removed from the tool or machine work surface before plugging it in.
12. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.
13. **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any switch does not turn On and Off properly.
14. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
15. **Do not operate tool if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
16. **Maintenance.** For your safety, service and maintenance should be performed regularly by a qualified technician.

 **Warning:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contain chemicals known [to the State of California] to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- **Lead from lead-based paints**
- **Crystalline silica from bricks and cement or other masonry products**
- **Arsenic and chromium from chemically treated lumber**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code 25249.5, et seq.)

 **Warning:** The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety Code 25249.5 et seq.)

Note: Performance of this tool may vary depending on variations in supply air pressure.

Additional Air Hammer Safety Precautions

1. **Disconnect air before servicing.** Do not attempt to change chisels, disassemble, or service tool with air hose attached.
2. **Use only specified operating air pressure.** Never operate tool above the specified operating air pressure range.
3. **Do not use combustible gases.** Do not use combustible gases as a power source, or use tool in areas where combustible gases are stored.
4. **Avoid possible kickback injury.** Hold the tool with both hands during operation so that your head and body are not injured by possible kickback of the tool.
5. **Use care when transporting tool.** Disconnect tool from air supply when moving tool in the workplace. Carry tool only by the handle without drawing the trigger.
6. **OSHA Guidelines.** Industrial applications must follow OSHA guidelines.
7. **Air Compressor.** Read and adhere to all warnings and instructions in the Air Compressor Instruction Manual.

 **Warning:** The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Unpacking

When unpacking, check to make sure that all the parts are included. Refer to the Assembly Drawing and Parts List at the end of this manual. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual.

Assembly

The Air Hammer comes completely assembled, except for any air inlet fittings.

Note: Use pipe thread seal or Teflon tape on all threaded connections.

Air Connection

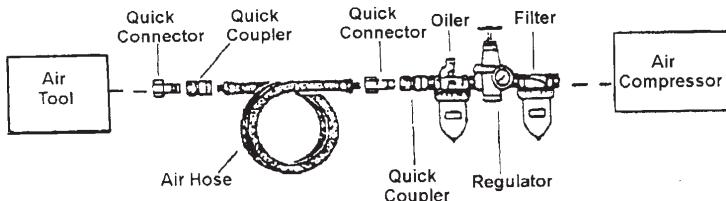
1. Attach a 1/4" NPT plug (not supplied) into the Air Inlet (9) fitting. A fitting is necessary before a connection can be made to an Air Compressor.
2. For easy connection or removal, attach an Air Quick Coupler (not supplied) hose on the compressor.
3. Retighten all couplings and fittings.

Oiler and Filter Connection

Dirt, water, and the lack of pneumatic tool oil are major causes for tool wear. Install an optional oiler-filter, as illustrated below for better performance.

Connect the air tool, air hoses, filter, and oiler to the Compressor Air Outlet as illustrated below. The filter and oiler (not supplied) are recommended but not mandatory for operation.

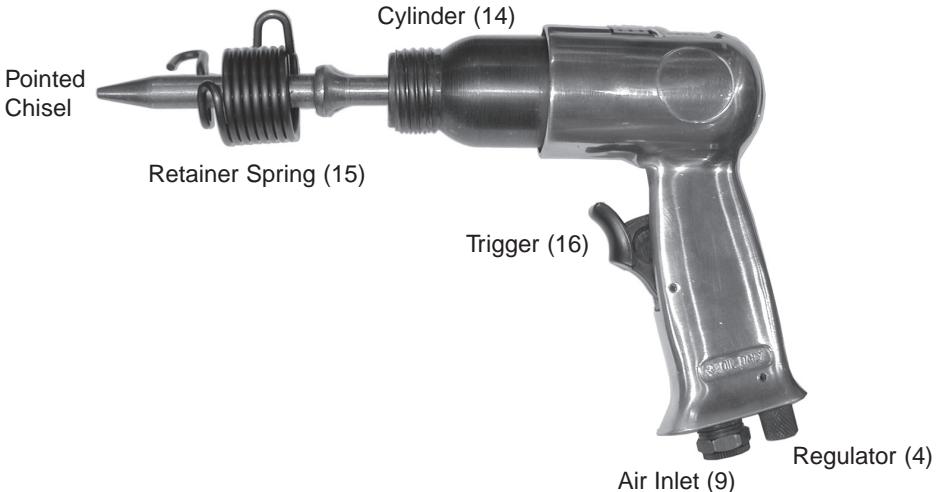
If the filter and oiler are not used, connect the air hose directly to the 1/4 inch, 18 NPT connector located at the Air Inlet (9) fitting. Also, a few drops of pneumatic tool oil must be added through the air line before each use.



Operation

Attach Chisel to Air Hammer

1. Remove air supply hose from the Air Hammer.
2. Unscrew the Retainer Spring (15) from the Cylinder (14). Refer to the photo on the next page.
3. Insert the 10 mm Chisel shank into the Cylinder (14).
4. Screw in the Retainer Spring completely onto the threads of the Cylinder (14) until it stops, to solidly hold the Chisel in place.



Chiseling Operation

⚠ Warning: Do not operate the Air Hammer unless the Retainer Spring (15) is screwed completely onto the Cylinder (14). Otherwise, the chisel could fly out of the Cylinder causing injury.

1. Set the (1.5 HP minimum) air compressor pressure regulator to 90 PSI.
2. Connect the compressor air hose (minimum 3/8" I.D.) to the Air Inlet (9) on the handle of the Air Hammer.

If an oiler is not used, add a few drops of pneumatic tool oil into the Air Inlet (9) before connecting the air hose. If any air is leaking after the connection, disconnect the air hose and repair the leak.

3. Put on the impact safety glasses, full face shield, and ear plugs.
4. While holding the Air Hammer with both hands, squeeze the Trigger (16) to begin chiseling.

Let the Air Hammer do the work. Do not lay into the Air Hammer with great force.

5. If necessary, turn the Regulator (4) to adjust the air flow within the Air Hammer.
6. When finished chiseling, release the Trigger (16), and remove the air supply hose.
7. Place the chisel against a piece of scrap and squeeze the Trigger again to release any remaining air pressure in the Air Hammer.

Maintenance

1. After each use, wipe the Air Hammer with a clean cloth to remove any dirt and grease buildup.
2. To maintain tool life, always lubricate the air line by adding a few drops of pneumatic tool oil to the air line (or Air Inlet) before each use. Or, install the automatic oiler-filter system as illustrated on page 5.
3. Before each use, drain water out of the air compressor tank and condensation from the air lines. Refer to the Air Compressor Operation Manual.
4. Periodically check and clean out the Cylinder chisel hole.
5. Before each use, check the chisels for cracks, breaks, or any unusual signs of wear. Do not use if damaged.

Parts List

Item	Description	Qty	Item	Description	Qty
1.	Body	1	11.	Valve Disk	1
2.	Rubber Gasket	1	12.	Front Valve	1
3.	O-ring	2	13.	Piston	1
4.	Regulator	1	14.	Cylinder	1
5.	Control Pin	1	15.	Retainer Spring	1
6.	O-ring	1	16.	Trigger	1
7.	Ball	1	17.	Pin	1
8.	Spring	1	18.	Pin	1
9.	Air Inlet	1	19.	Chisel, Flat	1
10.	Rear Valve	1	20.	Chisel, Pointed	1

NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Assembly Drawing

